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☐ 1. Document ID: DE 4114209 A1

L1: Entry 1 of 2

File: EPAB

Nov 7, 1991

PUB-NO: DE004114209A1

DOCUMENT-IDENTIFIER: DE 4114209 A1

TITLE: Powered lacquer compsns. - contain elastomeric or thermoplastic resin particles of specified max. particle size

PUBN-DATE: November 7, 1991

## INVENTOR-INFORMATION:

NAME

COUNTRY

HOEHLE, RALF

DE

STEIN, MANFRED DR

DE

## ASSIGNEE-INFORMATION:

NAME

COUNTRY

HERBERTS GMBH

DE

APPL-NO: DE04114209

APPL-DATE: May 1, 1991

PRIORITY-DATA: DE04114209A (May 1, 1991), DE04014265A (May 4, 1990)

INT-CL (IPC): B05D 1/12; C09D 5/03; C09D 5/28; C09D 5/46

EUR-CL (EPC): C09D005/28; C09D005/03

## ABSTRACT:

CHG DATE=19990617 STATUS=O>Powdered lacquer compsn. of powder of conventional heat-meltable and curable duroplastic binding agents with conventional additives and, if required curing agents with a particle size of upto 100 microns, contain particles of elastomeric resins or thermoplastic resins, opt. contg. conventional additives, of particle size upto 700 microns, pref. 200-700 microns, 3sp. 250-700 microns. The compsn. pref. comprises (a) 40-90 wt.% of particles based on duroplastic binding agents of particle size upto 100 microns and (b) 60-10 wt.% of particles of elastomeric resin or thermoplastic resins of particle size up to 700 microns, where the sum of (a) and (b) is 100 wt.%. The glass transition temp. of the monomers or thermoplastic resins is lower than that of the duroplastic binding agent, and the elastomeric or thermoplastic resin glass transition temp. is in the range of 0-50 deg.C. These resins also have a m.pt. not greater than 20-160 deg.C. USE/ADVANTAGE - Useful in prodn. of structured effect coatings (claimed) from solid materials, partic. for metal fixtures.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw	Desc	Image									

☐ 2. Document ID: DE 4114209 A

L1: Entry 2 of 2

File: DWPI

Nov 7, 1991

DERWENT-ACC-NO: 1991-333853  
DERWENT-WEEK: 199146  
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TITLE: Powered lacquer compsns. - contain elastomeric or thermoplastic resin particles of specified max. particle size

INVENTOR: HOHLE, R; STEIN, M

PATENT-ASSIGNEE:

ASSIGNEE	CODE
HERBERTS GMBH.	HERK

PRIORITY-DATA: 1991DE-4114209 (May 1, 1991), 1990DE-4014265 (May 4, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 4114209 A	November 7, 1991		000	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 4114209A	May 1, 1991	1991DE-4114209	

INT-CL (IPC): B05D 1/12; C09D 5/46

ABSTRACTED-PUB-NO: DE 4114209A

BASIC-ABSTRACT:

Powdered lacquer compsn. of powder of conventional heat-meltable and curable duroplastic binding agents with conventional additives and, if required curing agents with a particle size of upto 100 microns, contain particles of elastomeric resins or thermoplastic resins, opt. contg. conventional additives, of particle size upto 700 microns, pref. 200-700 microns, 3sp. 250-700 microns.

The compsn. pref. comprises (a) 40-90 wt.% of particles based on duroplastic binding agents of particle size upto 100 microns and (b) 60-10 wt.% of particles of elastomeric resin or thermoplastic resins of particle size up to 700 microns, where the sum of (a) and (b) is 100 wt.%. The glass transition temp. of the monomers or thermoplastic resins is lower than that of the duroplastic binding agent, and the elastomeric or thermoplastic resin glass transition temp. is in the range of 0-50 deg.C. These resins also have a m.pt. not greater than 20-160 deg.C.

USE/ADVANTAGE - Useful in prodn. of structured effect coatings (claimed) from solid materials, partic. for metal fixtures.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: POWER LACQUER COMPOSITION CONTAIN ELASTOMER THERMOPLASTIC RESIN PARTICLE SPECIFIED MAXIMUM PARTICLE SIZE

DERWENT-CLASS: A82 G02 P42

CPI-CODES: A08-R08; A11-B05E; A12-B01; A12-S09; G02-A02;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0415U; 0574U ; 0776U ; 0993U ; 1278U ; 1392U ; 1508U ; 1525U ; 1739U ; 1966U ; 5085U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0009 0016 0032 0034 0036 0037 0038 0206 0210 0218 0222 0224 0060 0066  
0072 0105 0132 0151 0183 0231 0306 0307 3152 0495 0497 3034 3036 0502 0503 3013 3014  
3056 0530 0532 0537 0538 0567 0608 0881 0950 0964 0971 1282 3183 1283 1291 3178 1319

3075 1373 1417 1462 1485 1601 1633 1756 1786 2020 2041 2209 2217 2218 2285 2297 2299  
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2585 2589 2595 2651 3252 2661 2667 2718 2728 3292

Multipunch Codes: 014 032 034 039 04- 040 051 055 056 06- 062 064 07& 07- 074 075  
076 077 08& 08- 081 082 085 087 089 09& 090 091 093 10- 104 105 106 141 143 144 145  
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512 516 518 523 53& 54& 546 575 583 589 59& 592 593 597 600 602 604 608 656 681 689  
720 721 723 726

## SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1991-144057

Non-CPI Secondary Accession Numbers: N1991-255835

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